Replacement Sheet

Title: Method And Apparatus for Storing Image Information for Multiple Sampling Operations in a Digital Pixel Sensor Inventors: Benjamin P. Olding, Justin Reyneri

Serial No. 09/823,838

Page 1/7



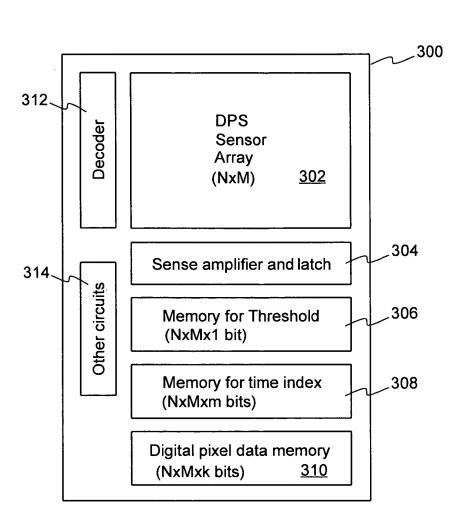
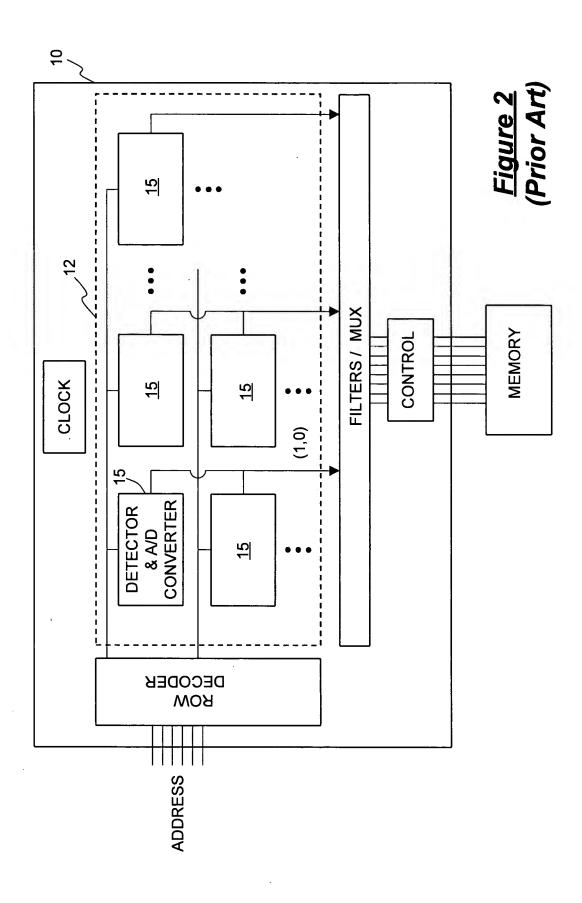


Figure 1 (Prior Art)



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Serial No. 09/823,838 Page 3/7

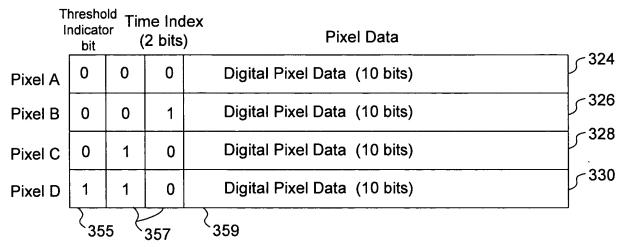


Figure 3 (Prior Art)

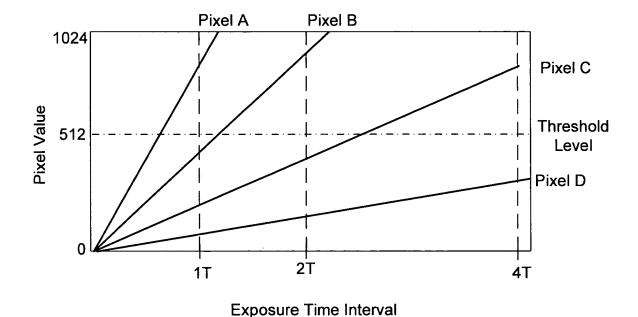


Figure 4

Page 4/7

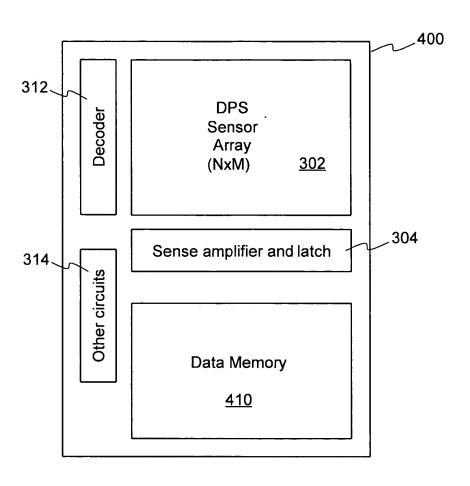


Figure 5

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Inventors: Benjamin P. Olding, Justin Reyneri

Serial No. 09/823,838 Page 5/7

Time Index (2 bits) Pixel Data 0 0 Digital Pixel Data (9 bits) Pixel A 426 0 1 Digital Pixel Data (9 bits) Pixel B ·428 1 Digital Pixel Data (10 bits) Pixel C 430 Digital Pixel Data (10 bits) Pixel D 462 460 **Threshold** Indicator

Figure 6

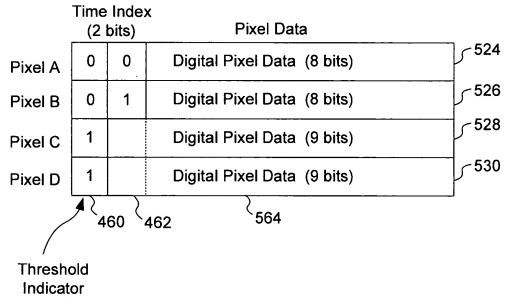


Figure 7

Inventors: Benjamin P. Olding, Justin Reyneri

Serial No. 09/823,838 Page 6/7

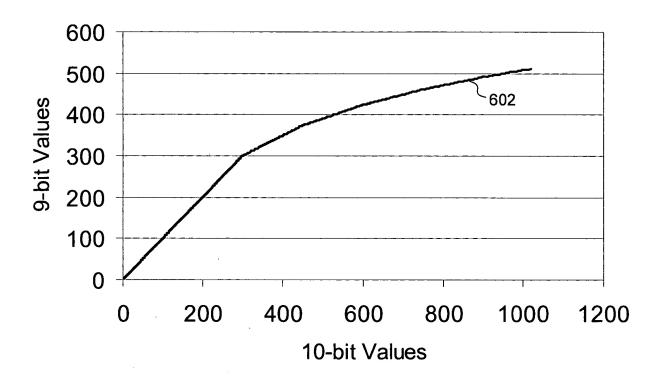


Figure 8

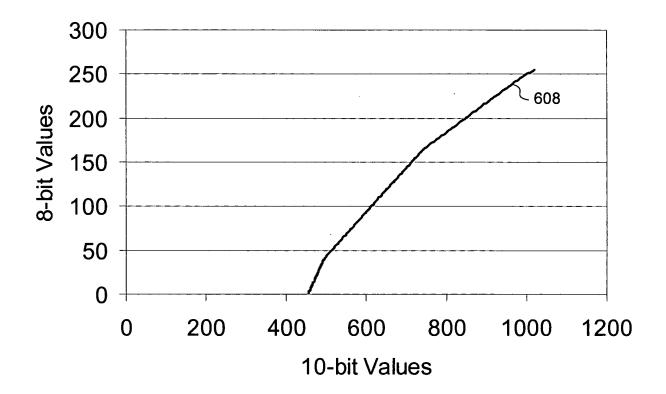


Figure 9